



TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



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COTTON AND HAY PRODUCERS MAKE EXCELLENT PROGRESS

Warm temperatures along with sunshine last week allowed cotton and hay growers to make excellent progress with field activities. Cotton producers planted an additional 23 percent of their intended acreage, while hay growers made significant strides with harvest. Planting of this year’s cotton crop is ahead of last year but in line with the normal pace. Hay harvest is running ahead of the 5-year average and was rated in mostly good condition. Virtually all of the State’s corn had emerged by week’s end. Soybean planting, at 30 percent, is slightly ahead of the normal schedule. Other agricultural activities taking place last week were transplanting tobacco and applying chemicals. There were 5 days considered suitable for fieldwork during the past week. Temperatures averaged about 7 degrees above normal while rainfall averaged below normal over much of the state. As of Friday, topsoil moisture levels were rated 2 percent very short, 8 percent short, 81 percent adequate, and 9 percent surplus. Subsoil moisture levels were rated 1 percent very short, 7 percent short, 81 percent adequate, and 11 percent surplus.

CROP PROGRESS: Through May 23, 2004					CONDITION: On May 21, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Winter Wheat - Turning color	60	20	44	49	Wheat	0	2	18	58	22
Corn - Emerged	98	93	88	92	Corn	1	5	20	55	19
Cotton - Planted	71	48	44	78	Alfalfa Hay	0	0	18	67	15
Soybeans - Planted	30	17	13	28	Other Hay	0	4	23	63	10
Soybeans - Emerged	16	5	4	15	Pastures	0	3	20	60	17
Tobacco - Transplanted	39	23	27	42						
Alfalfa Hay - First Cutting	76	48	42	64						
Other Hay - First Cutting	54	28	23	43						

WHEAT: As of Sunday, over half of the wheat crop had turned color. The crop continues to be rated in mostly good condition despite insect and disease problems being reported.

CORN: Nearly all of the State’s corn acreage has emerged and is currently rated in good-to-fair condition. Herbicide and side-dressing applications continued in some areas.

COTTON: Cotton producers made significant planting progress last week. Acreage planted, at 71 percent, is ahead of last year and slightly behind the 5-year average.

SOYBEANS: Mild temperatures and adequate soil moisture this past week allowed soybean producers to plant an additional 13 percent of the intended acreage. Planting progress is slightly ahead of the normal pace. Sixteen percent of the planted acreage had emerged by week’s end.

TOBACCO: Over a third of the State’s tobacco has been transplanted, running slightly behind the 5-year average.

PASTURES & HAY: As of Sunday, 76 percent of the alfalfa and 54 percent of all other hay had been harvested, both ahead of last year and the normal schedule. Pastures remained in mostly good-to-fair condition.

TEMPERATURES AND PRECIPITATION For week ending: May 23, 2004 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 5/23/04				Current Week 5/23/04	Rain Days	Current Since January 1	Departure From Normal	Since April 1	
	HI	LO	AVG	DFN					Total	DFN
Ames_Plantation	90	59	75	+6	0.33	2	22.60	-0.89	345	+36
Tri-City_RGNL_A	88	56	72	+8	0.25	4	16.39	-0.28	253	+131
Brownsville_TN	89	63	77	+7	0.43	1	23.25	-0.32	391	+190
Chattanooga/Lov	90	62	75	+7	1.42	3	17.36	-6.14	375	+151
Clarksville_Sew	89	61	74	+8	0.76	2	16.34	-5.13	355	+130
Cookeville	87	59	73	+7	1.05	3	24.51	+0.55	271	+182
Covington	88	60	75	+6	0.44	2	19.83	-3.65	318	+36
Crossville_AP	82	59	71	+8	1.55	4	23.08	-0.81	247	+124
Dickson_AG	83	59	72	+5	0.18	2	24.51	+1.44	257	+21
Dover_1W	86	61	75	+9	0.11	2	18.01	-4.45	327	+142
Dyersburg	90	66	77	+7	0.10	1	18.33	-2.99	382	+60
Erwin_1W	87	57	72	+9	0.69	4	13.50	-5.57	214	+45
Huntingdon_Wate	88	62	76	+9	0.06	1	21.60	-0.84	347	+151
Jackson_TN	88	64	76	+7	0.08	3	22.32	-0.71	371	+68
Kingston_AG	89	59	74	+10	0.15	2	22.29	-2.55	289	+147
Knoxville_AP	90	61	75	+9	0.00	0	15.09	-5.17	348	+173
Lewisburg	89	62	75	+9	0.06	2	21.11	-2.62	321	+144
Lexington_TN	88	63	75	+7	0.39	2	23.51	+1.67	328	+233
Linden	87	61	74	+7	0.00	0	25.03	+0.83	291	+89
Martin	89	60	77	+9	0.30	1	19.66	-2.38	348	+115
Mc_Minnville_Tn	88	60	74	+7	0.73	2	22.31	-0.56	341	+52
Memphis_AG	89	62	77	+5	0.00	0	22.96	+0.03	358	-25
Milan	94	57	76	+8	0.12	1	20.11	-2.65	349	+117
Murfreesboro_5N	89	62	74	+8	0.18	1	20.77	-1.72	326	+8
Nashville_Metro	88	64	75	+7	0.64	1	25.94	+5.48	365	+113
Newcomb	86	59	71	+9	0.53	4	17.74	-4.69	228	+136
Oneida	86	59	72	+10	0.56	3	19.61	-2.82	260	+29
Pikeville	88	59	73	+7	0.47	4	19.16	-4.25	294	+116
Portland_TN	87	62	75	+9	0.22	3	25.22	+3.54	319	+147
Pulaski_Water_P	88	62	74	+5	0.23	3	24.69	+0.83	304	+36
Savannah_6SW	90	62	76	+7	0.03	1	24.94	-0.52	399	+185
Sparta_TN	92	61	76	+10	1.15	3	23.74	+0.37	371	+222
Springfield	87	61	75	+10	0.05	2	23.49	+2.50	327	+158
Springhill	91	61	75	+9	0.05	1	24.62	+0.56	348	+174
Union_City	89	60	75	+8	0.06	2	19.25	-2.58	307	+84
Waynesboro_TN	88	61	74	+9	0.02	2	22.88	-2.68	312	+70

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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